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TRANSACTIONS

OF THE

TWENTY-SECOND MEETING

OF THE

KANSAS ACADEMY OF SCIENCE,

1889,

WITH THE REPORTS OF THE SECRETARY.

VOLUME XII.—PART I.

TOPEKA.

KANSAS PUBLISHING HOUSE: CLIFFORD C. BAKER.

1890.

CONTENTS.

Proceedings of twenty-second annual session.....	3
Notes on the occurrence of gold in Montana.....	5
On the classification of the sensations of smell.....	7
Notes on magnetic declination in Kansas.....	8
Note on the second setting of cement.....	10
A preliminary study of "hot winds".....	10
Some tests of cements manufactured in Kansas.....	12
Note on the oviposition of a wood-borer.....	15
A study of the albuminoids.....	16
A new frame for the pocket microscope.....	18
The manufacture of binding-twine.....	19
Notes on the analysis of agricultural products.....	21
Ammonia and nitric acid in rain-waters collected at the Agricultural College.....	21
Additions to list of Kansas birds.....	24
Artesian wells in Kansas, and the causes of their flow.....	24
Some Kansas mineral waters.....	25
Notes on three species of gophers found at Lawrence, Kansas.....	29
The mode of respiration of the common salamander.....	31
Characteristic sand-hill flora.....	32
Experiments for the artificial dissemination of a contagious disease among chinch-bugs.....	34
Who sold his wheat for \$1.40?—or an examination of the value of Blake's tables.....	37
Botanical notes, 1889.....	43
The insulation resistance of some electric-light wires.....	44
On barite and associated minerals in the concretionary rocks of eastern Kansas.....	45
Some notes on the Mallophaga.....	46
Meteorological summary for the year 1889.....	49
The curve of mean daily temperatures at Lawrence, Kansas, for twenty-one years, 1868-1888.....	52

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